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# **GU Zhan**



# **Lecturer & Consultant, Artificial Intelligence Practice**

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### **Profile**

GU Zhan (Sam) lectures Master of Technology programme in the areas of data science, machine intelligence, soft computing, and applied deep learning. Prior to joining NUS-ISS, he was in New Zealand running Kudos Data start-up, which focussed on training programs to democratize artificial intelligence and machine learning. Before that, he was a data scientist in Yokogawa Engineering, leading industrial innovation initiatives. Sam had also spent many years in financial sector wearing versatile hats: project manager, consultant, and business analyst in Barclays bank, system manager and senior software engineer at Citibank, leading to experience in actualizing information technology values in complex business environment.

He devotes himself into pedagogy, and is very passionate in inspiring next generation of artificial intelligence lovers and leaders.

#### **Educational Qualifications/Professional Certifications**

- MTech, National University of Singapore, 2015
- · Bachelor of Engineering, Shanghai University, China, 2004

#### **Academic and Professional Experience**

- Lecturer & Consultant, Institute of Systems Science, National University of Singapore, Singapore, 2017
  present
- Founder, Kudos Data Pte. Ltd., New Zealand, 2016 2017

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• Data Scientist, Yokogawa Engineering Asia, Singapore, 2015 – 2016

- Project Manager, Barclays, Singapore, 2010 2015
- Senior Software Engineer, Housing & Development Board, Singapore, 2008 2010
- Assistant System Manager, Citibank, Shanghai, China, 2004 2008

### **Membership and Professional Activities**

• Member, Project Management Institute (PMI)

#### **Research Interests**

- Intelligence Science
- · Evolutionary Computation

#### **Patent**

• "Systems and Methods for Optimizing Control Systems for a Process Environment" 15SG0002

## **What I Teach**

**ARTIFICIAL INTELLIGENCE** 

**Machine Reasoning** 

**ARTIFICIAL INTELLIGENCE** 

**Reasoning Systems** 

**ARTIFICIAL INTELLIGENCE** 

**Intelligent Process Automation** 

**ARTIFICIAL INTELLIGENCE** 

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# **Software Robots - Best Practices**

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